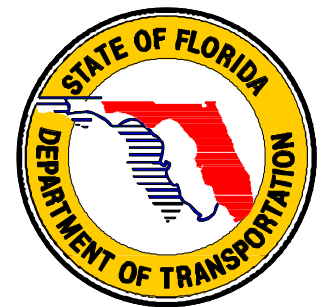




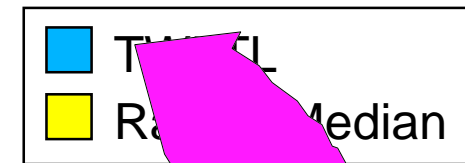
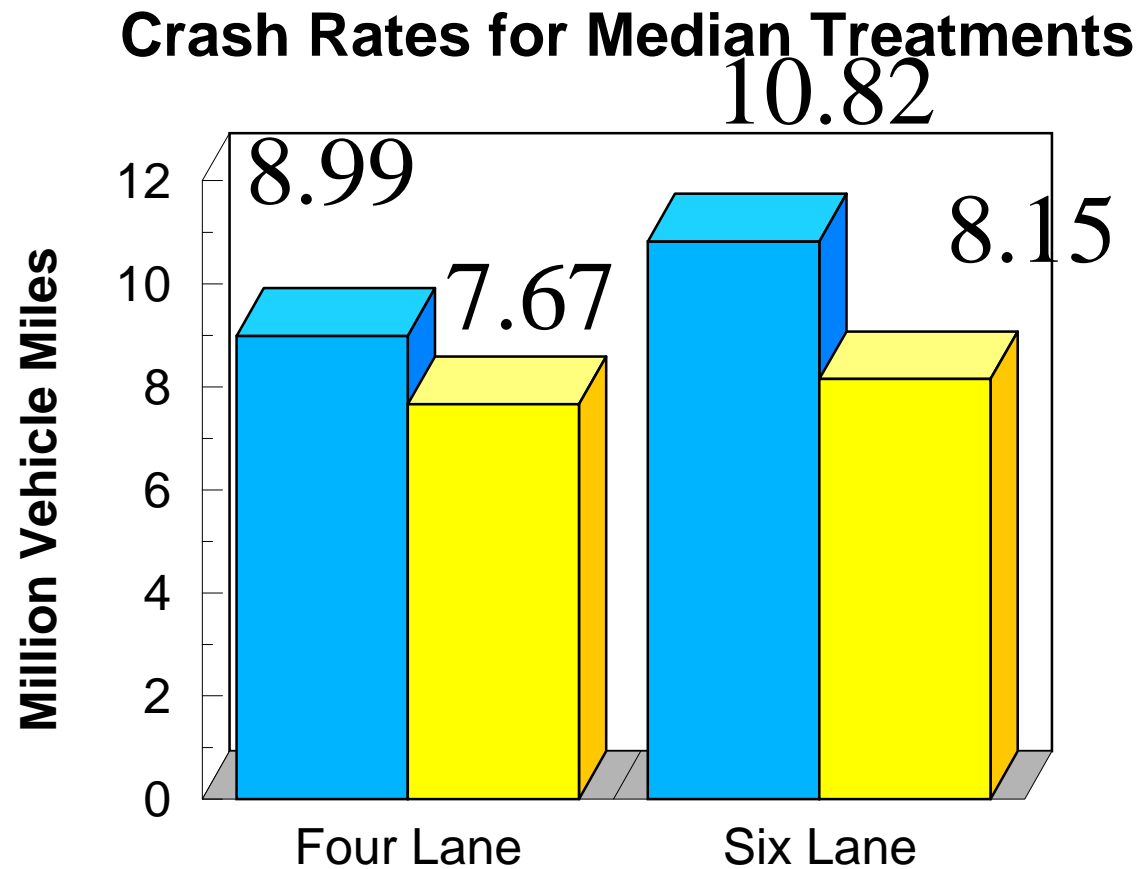
Crash Comparisons

.....

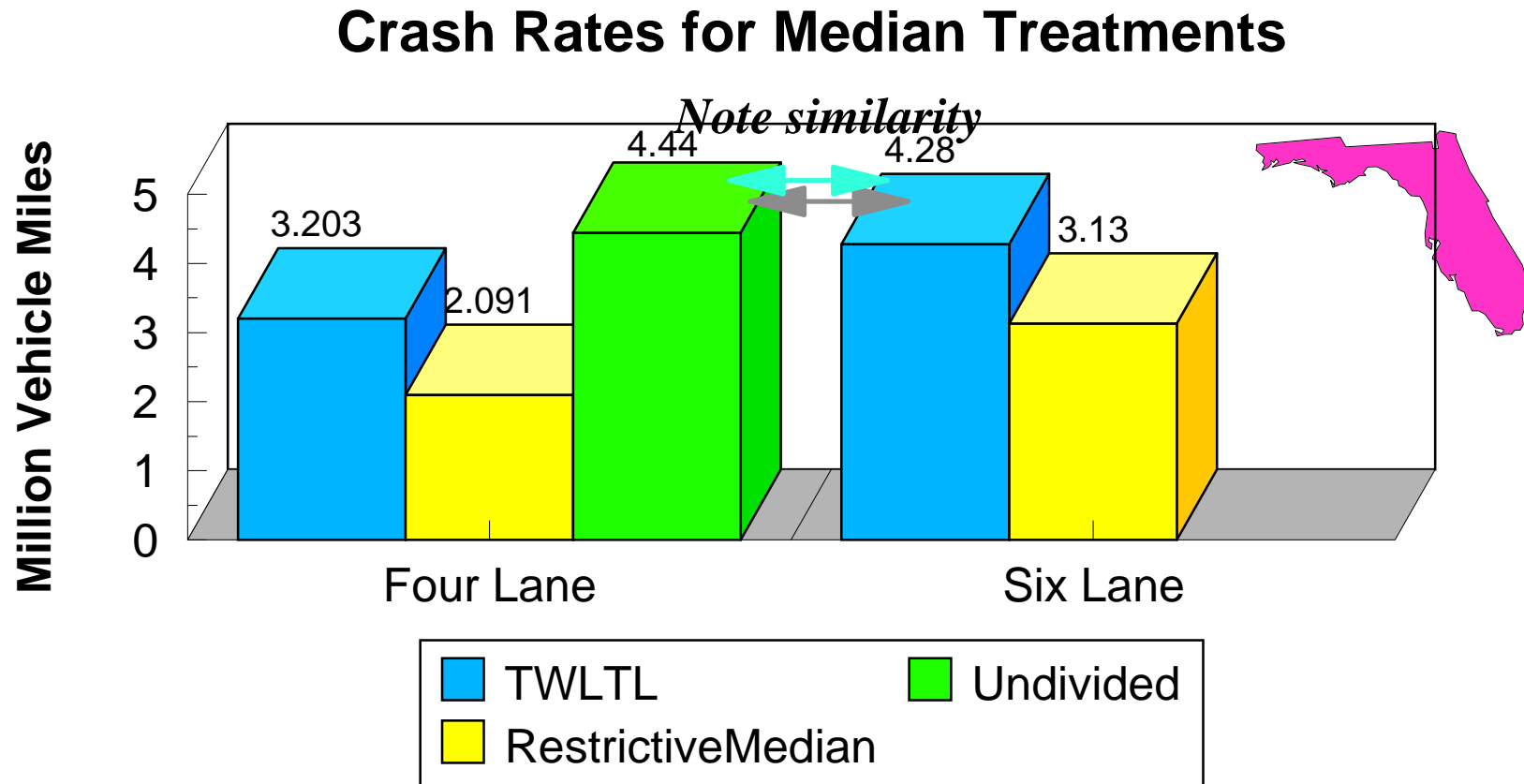
Median Treatments



Georgia Crash Study



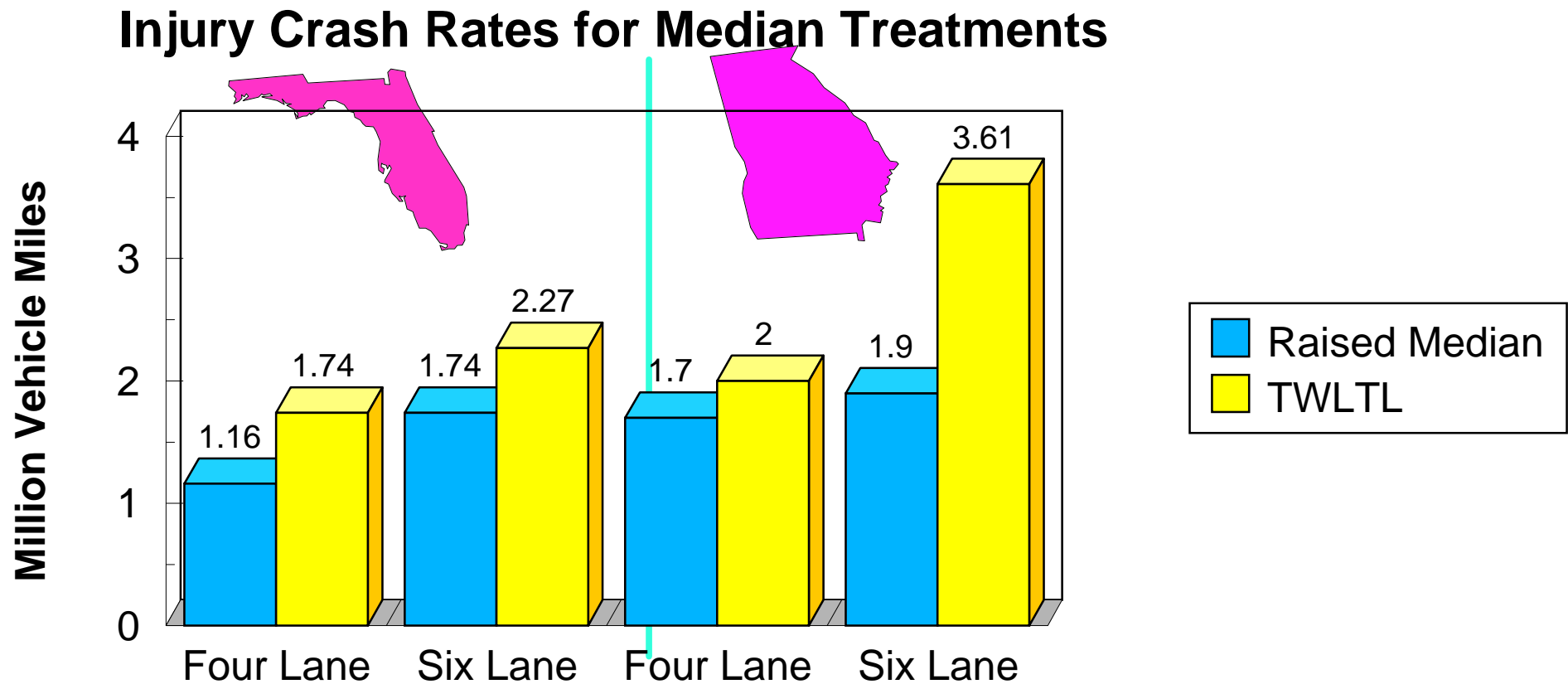
Florida Crash Study



Long, Gan, & Morrison 1993

Note: Urban Areas Only

Florida & Georgia Crash Studies



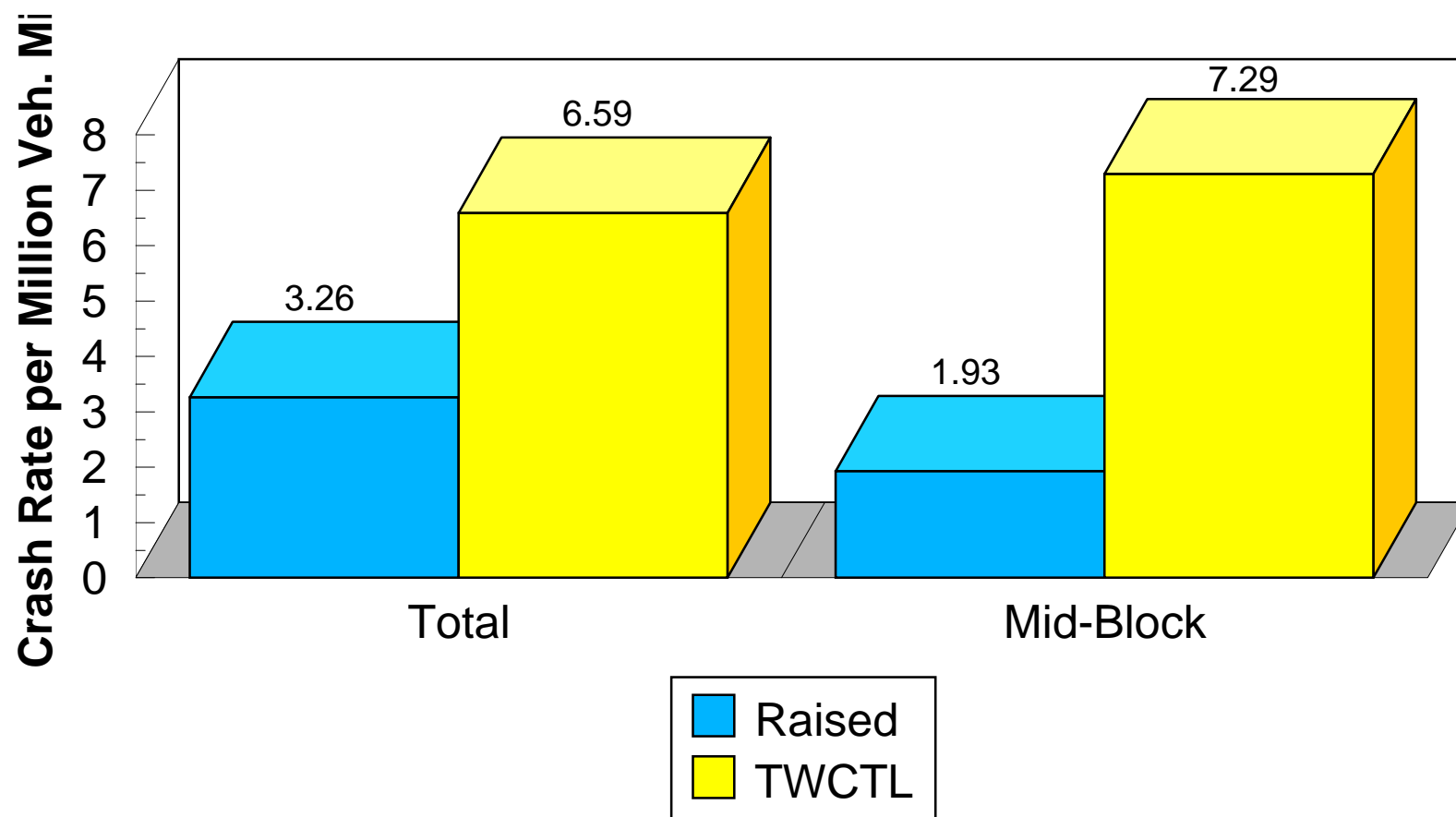
Squires & Parsonson TRR 1239
Long, Gan, & Morrison 1993

Apalachee Pkwy - Tallahassee



- 4.2 Miles
 - 1.8 Miles - non traversable median
 - 2.4 Miles TWLTL
- Daily Traffic in the 40,000 range
- 4 through lanes

Apalachee Parkway Crash Study

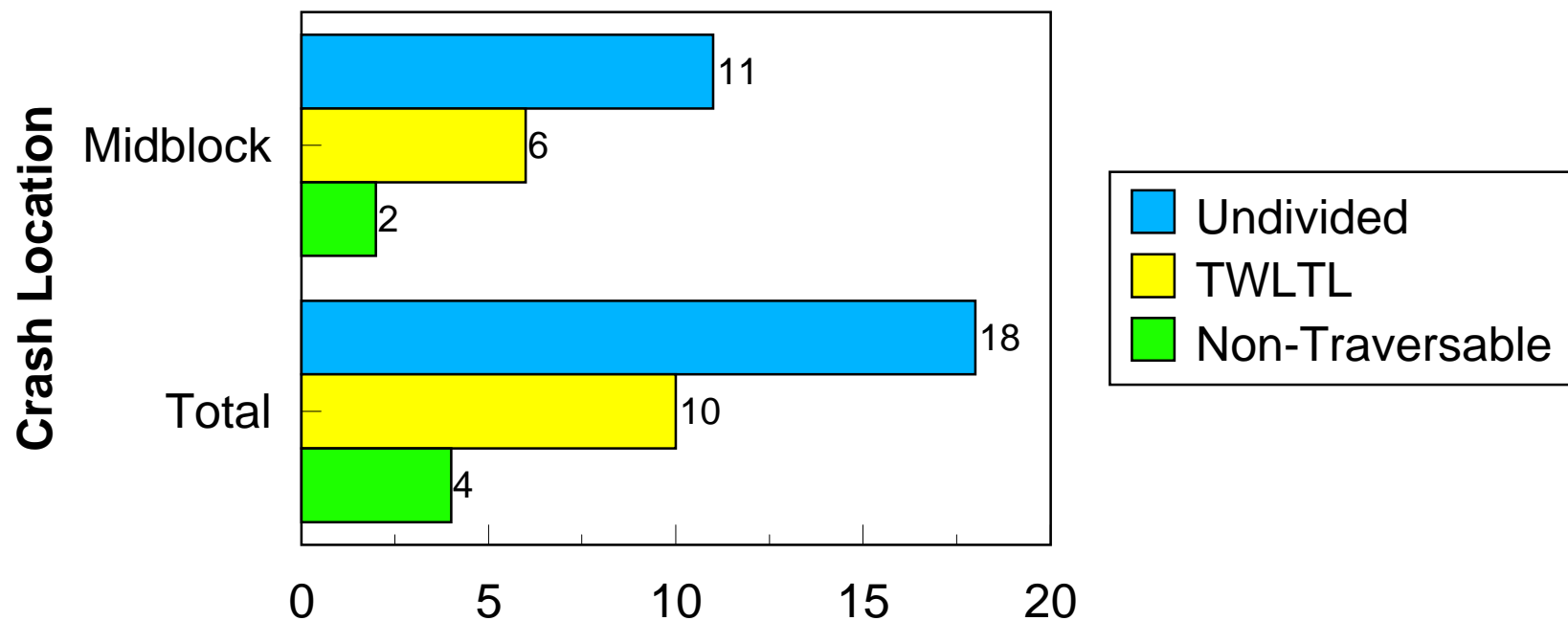


Safety Impacts of Selected Median and Access Design Features
Univ of Fla. /Long, Gan, and Morrison 1993

Florida - Pedestrian Safety

Pedestrian Crash Rates for Urban Areas

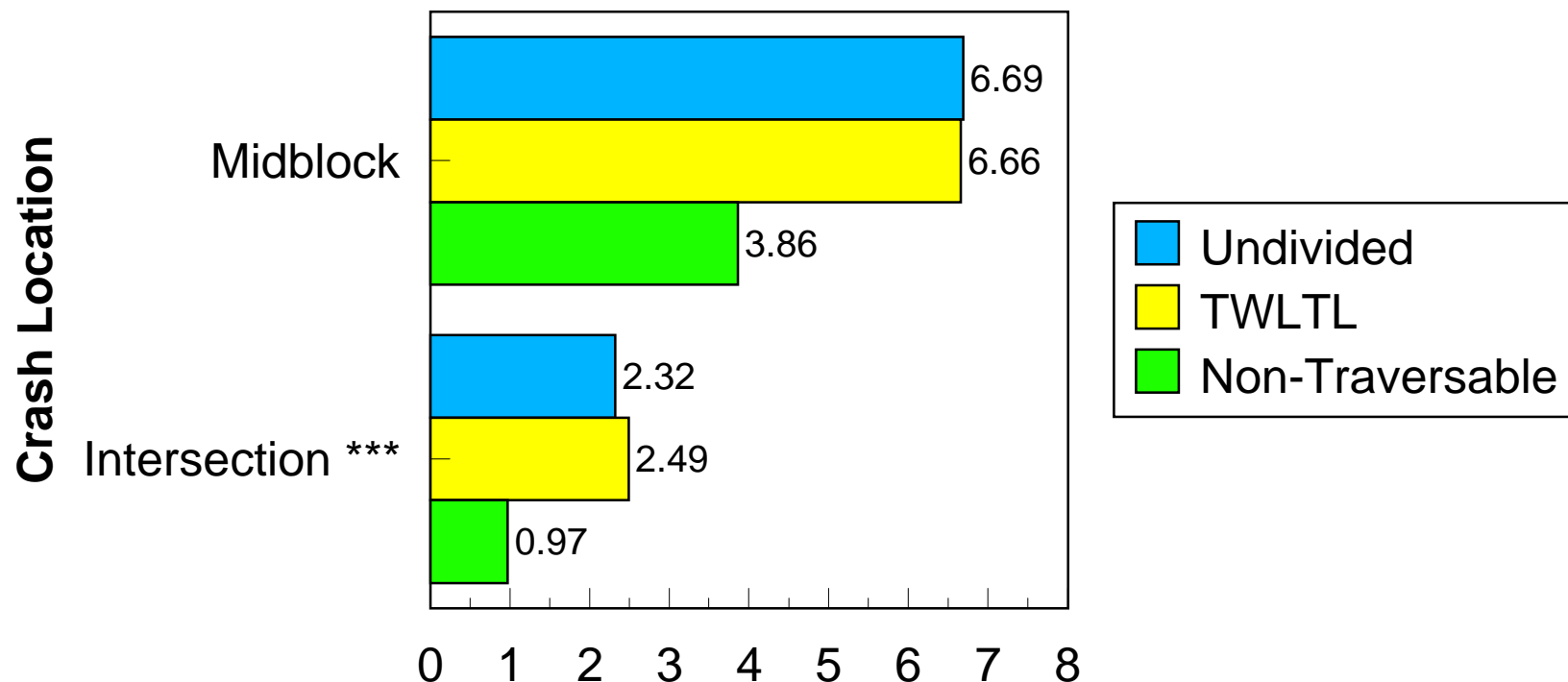
Crashes per 100 Million Vehicle Miles
For 4 Lane Highways



Source: Long, Gan, & Morrison University of Florida 1993

Pedestrian Safety - *Atlanta, Phoenix, Los Angeles*

Pedestrian Crash Rates for Suburban Areas



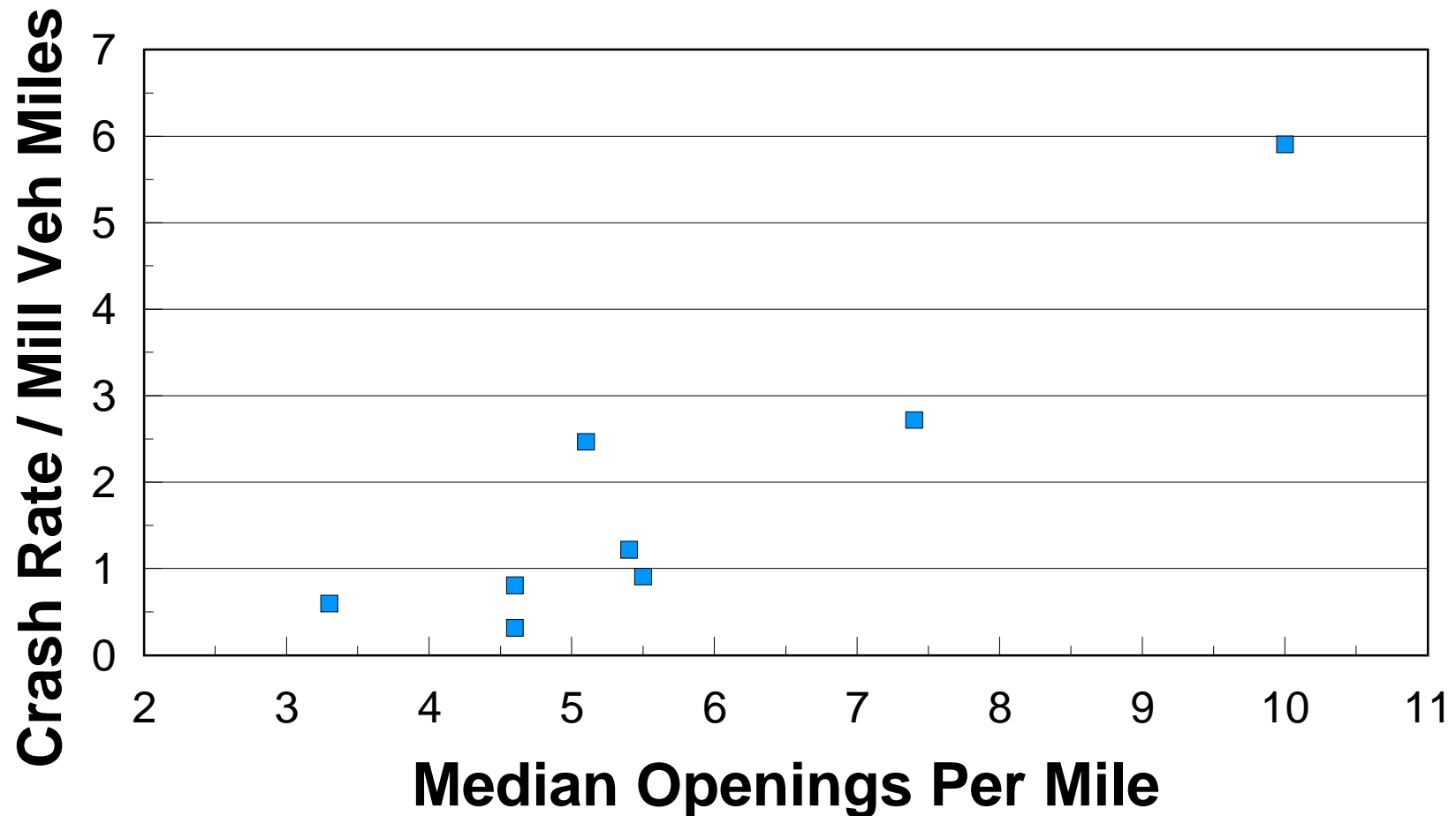
Source: Bowman & Vecillio / FHWA 1994

*** Crashes per 100 Million entering Vehicles

Median Openings and Crashes

US 41 - Lee County, Florida

.....



US 41 (Lee Co) Study - W. Millard PE 1993

Memorial Drive - Atlanta Area



■ *Data*

- 4.3 Miles
- 6 Lanes
- 40,000 to 48,000 Vehicles per Day
- Speed Limit 45 MPH

■ *Before*

- Two way left turn Lane

■ *After*

- Raised Median (14 ft width)
- 14 Median Openings Provided
- 7 public streets were not given median openings
- U turns allowed at all openings but one (r-t-o-r restrictions)

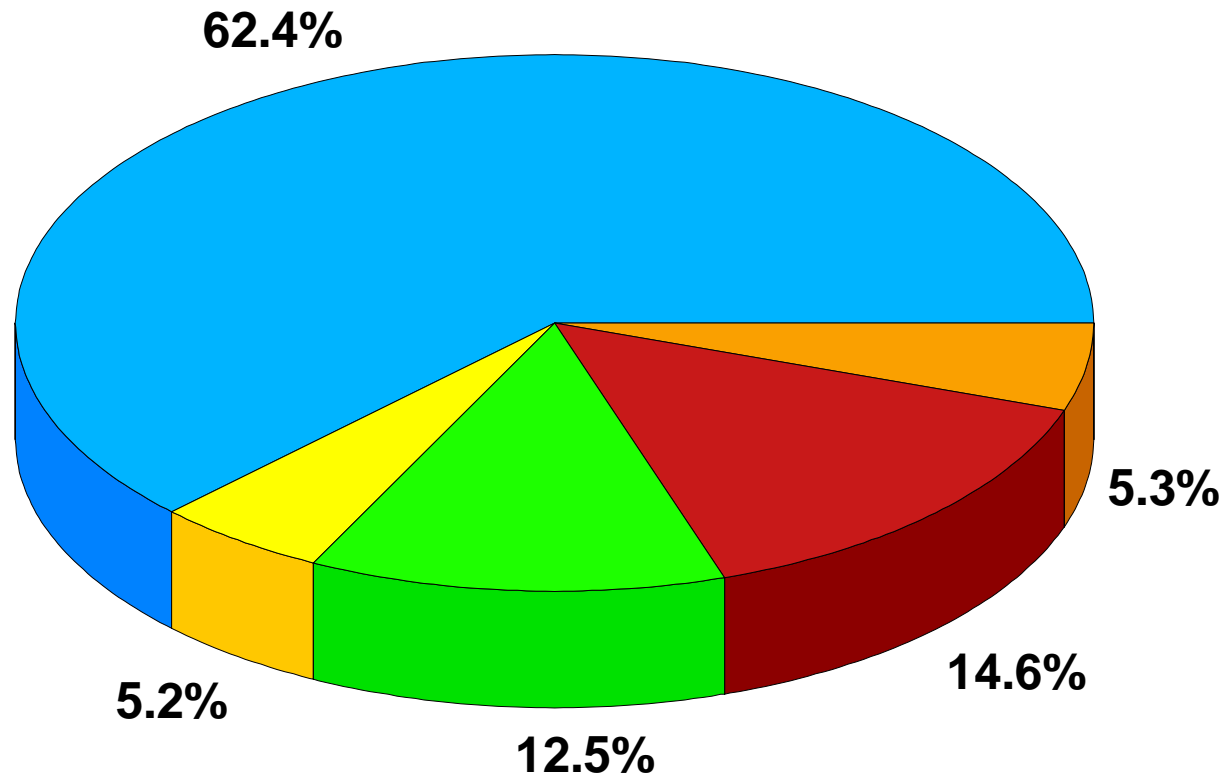


District 4: Traffic Operations

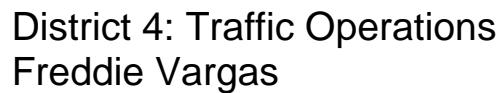
Most Businesses Saw No Loss in Profits - District 4 Retrofit



Pie 1

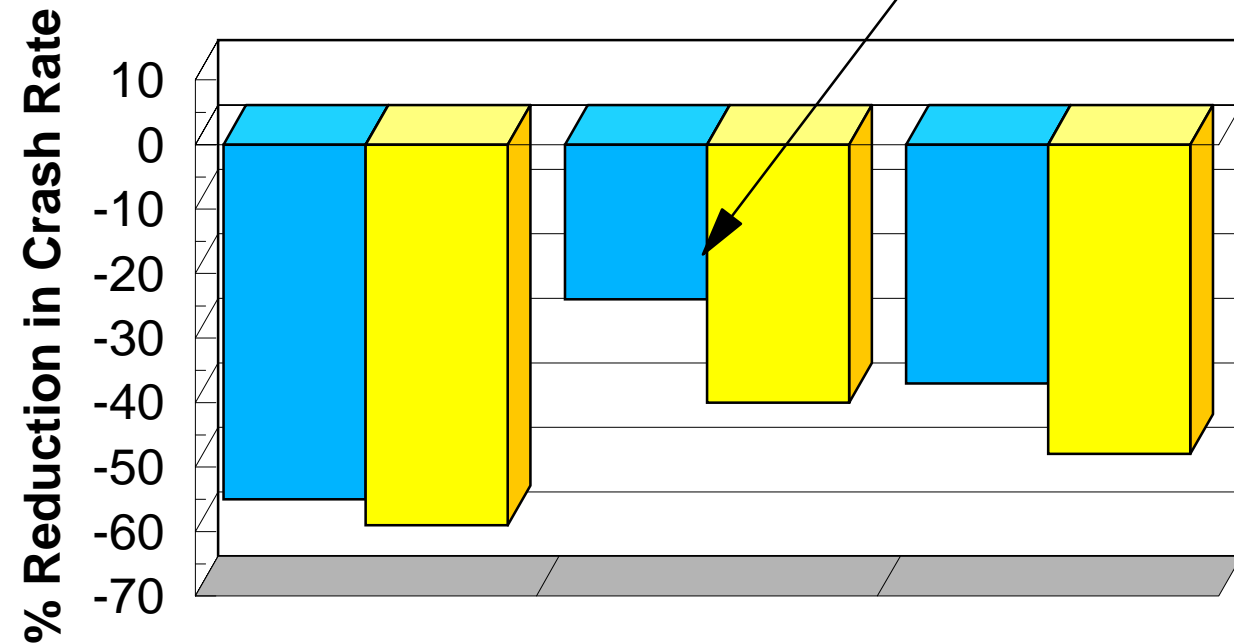


District 4: Traffic Operations



Crash Rate Reductions Memorial Drive

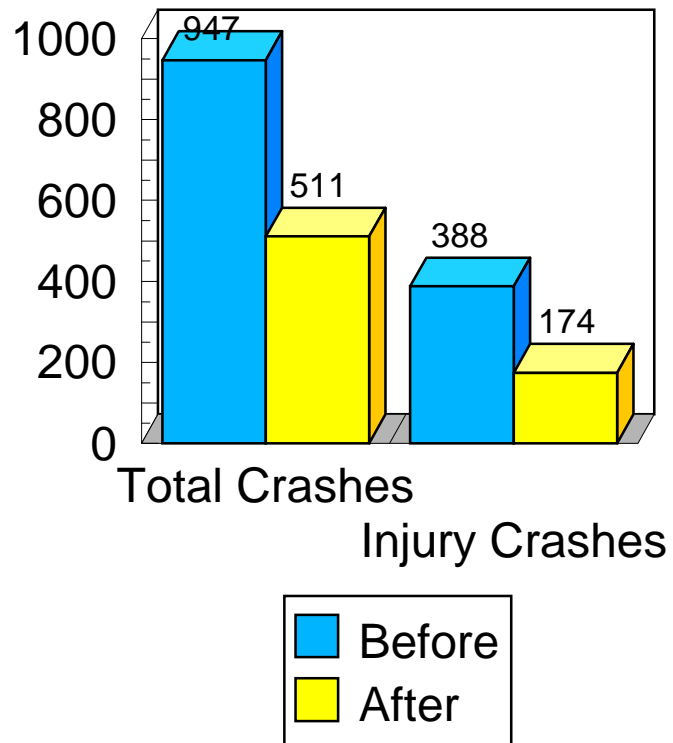
Shows how driver
information "load" can
improve situation with
even more traffic



| | Midblock | Intersection | All |
|------------------|----------|--------------|------|
| Total Crash Rate | (55) | (24) | (37) |
| Injury Rate | (59) | (40) | (48) |

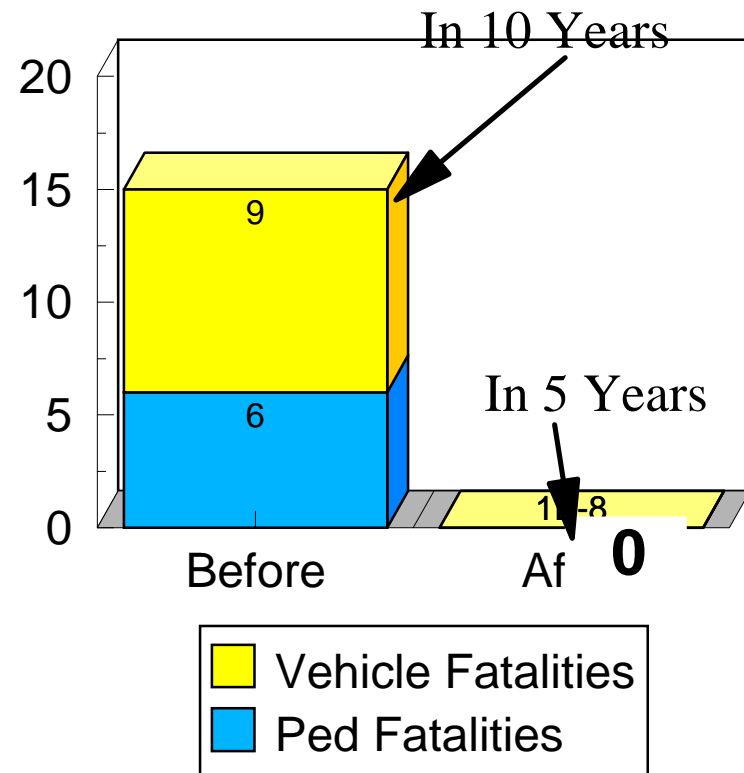
Memorial Drive - Atlanta Area

Crash Comparison



Parsonson - Ga. Tech

Fatality Crashes

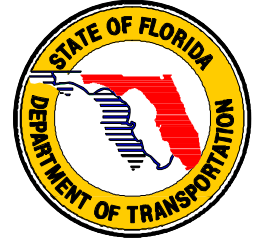


Parsonson - Ga. Tech

Lessons From Memorial Drive

- Importance of robust public dialogue
- Interparcel access should be encouraged
 - joint driveways
 - shared parking
 - rear alleyways
- Sidewalk improvements are important

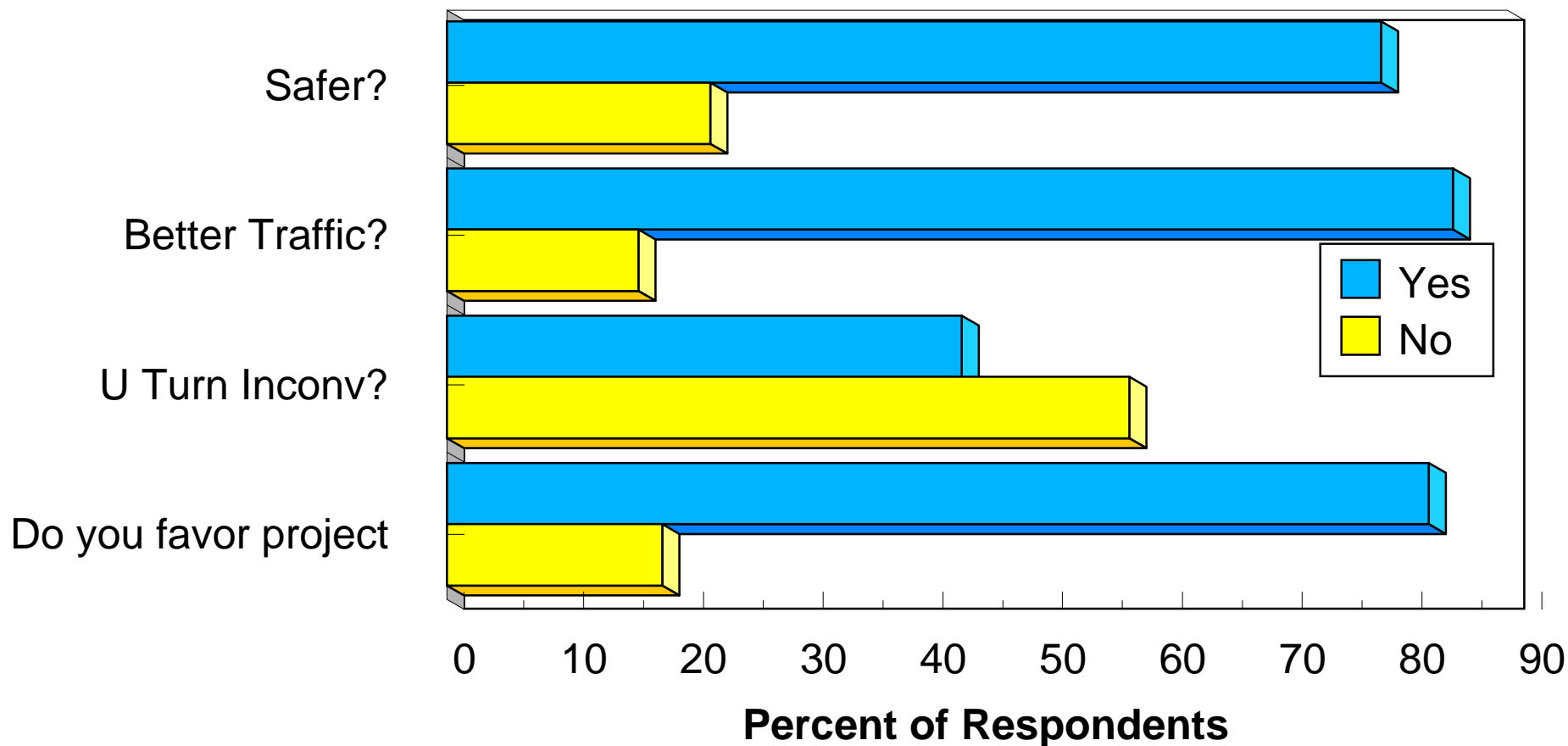
District 5 - Study Corridors



- SR 423 East (Lee Rd - Orlando area)
- SR 423 West (Lee Rd - Orlando area)
- SR 436 (Semoran Blvd - Orlando area)
- SR 520 (Merritt Island Causeway)
- SR 600/US 92 (Daytona)



The Driver Survey



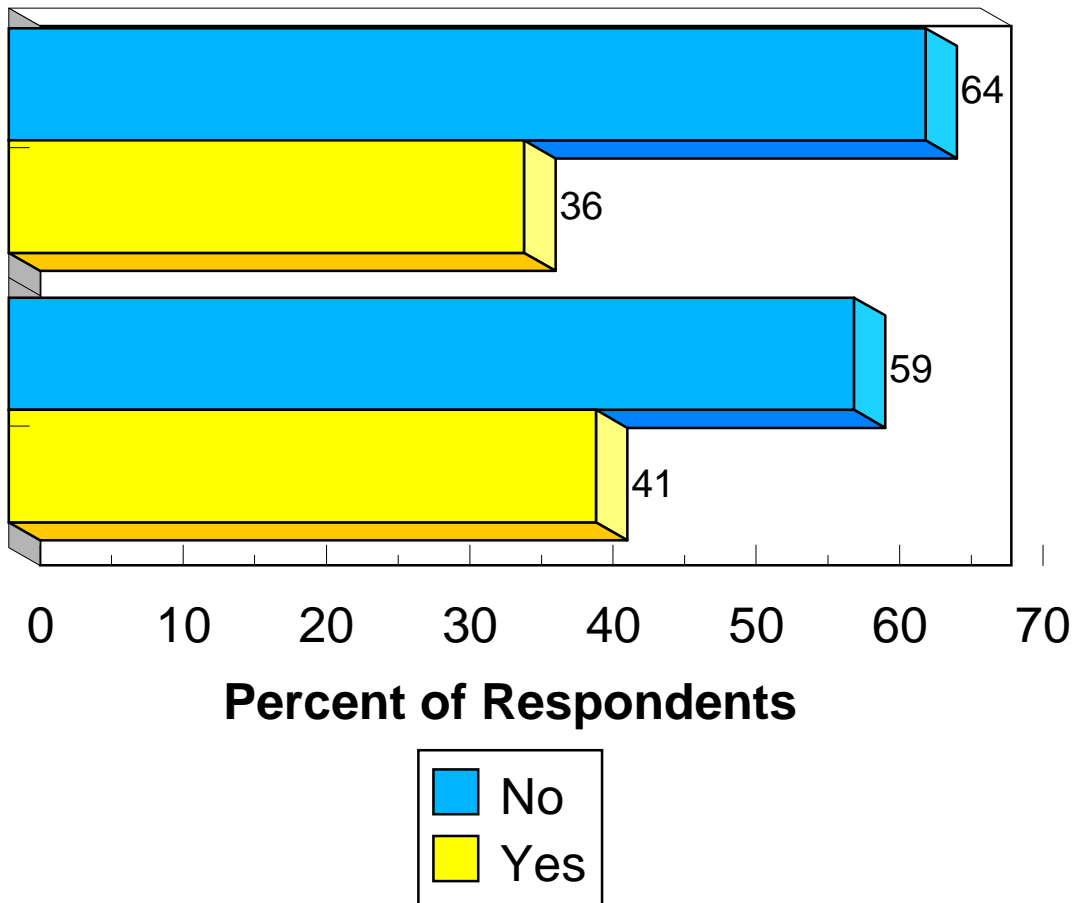
FDOT District 5 (Ivey, Harris & Walls) -1995

Business Survey



Inconvenient to
truck deliveries?

Major problems
now?

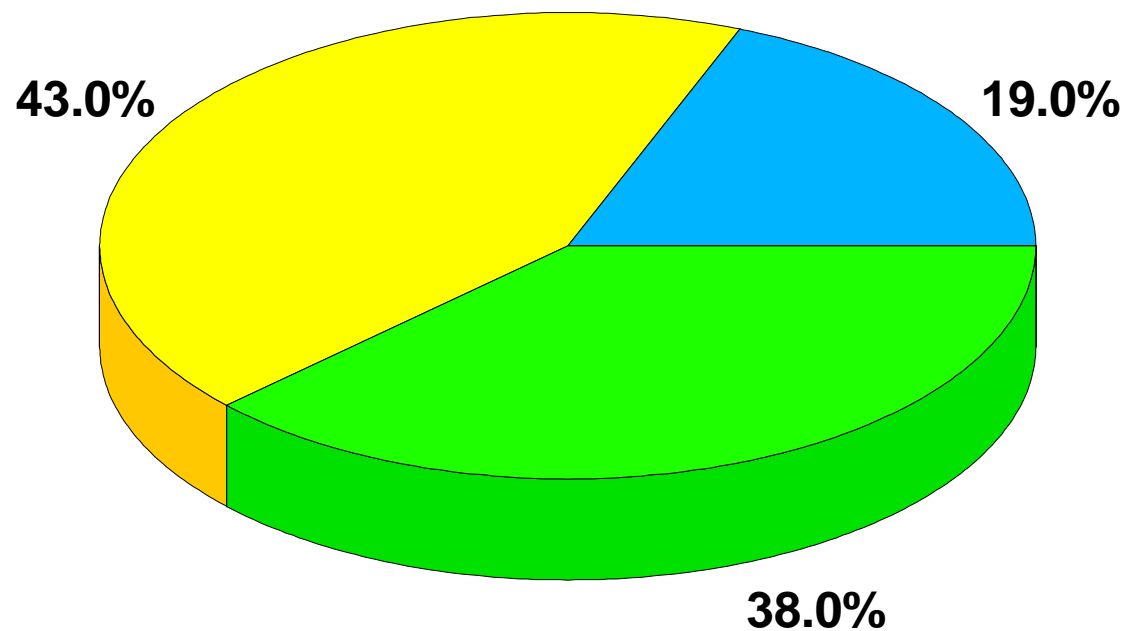


FDOT District 5 (Ivey, Harris & Walls) -1995

Business Survey

What's Happened to the Volume of Business?

Pie 1

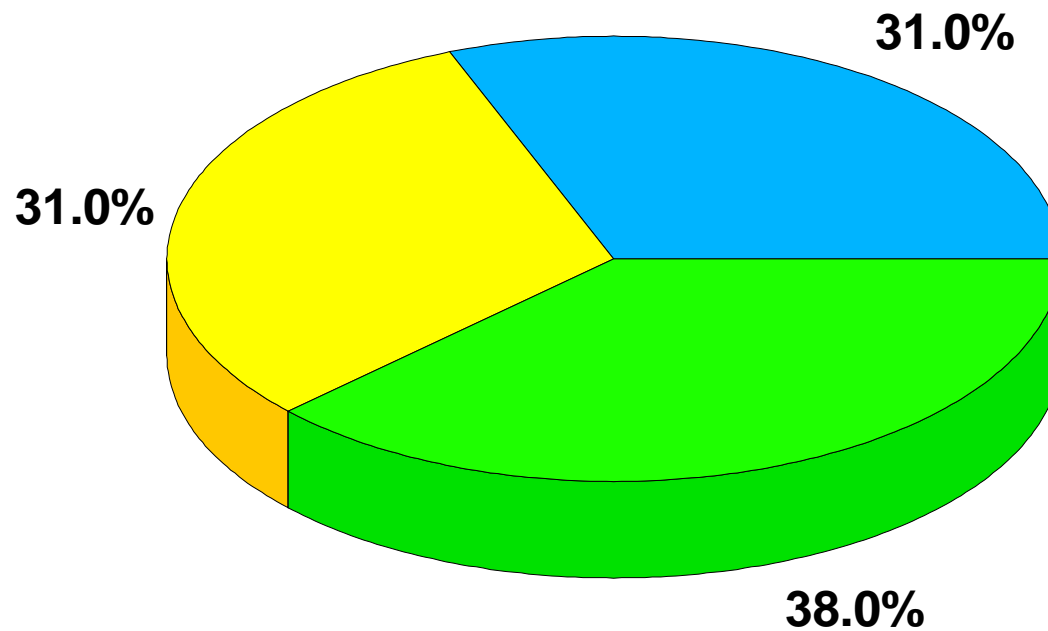


FDOT District 5 (Ivey, Harris & Walls) -1995

Business Survey

What Impact Do You Perceive?

Pie 1



FDOT District 5 (Ivey, Harris & Walls) -1995